

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
GRI-00-023	1100 U.S. PRO 93479
APPLICANT(S) Raymond J. GORTE et al.	
FILING DATE	GROUP
10/06/93 01/23/94	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SM	AA	5,543,239	08/1996	Virkar et al.			
SM	AB	5,656,387	08/1997	Barnett et al.			
SM	AC	4,661,422	04/987	Marianowski et al.			
SM	AD	5,306,411	04/1994	Mazanec et al.			
SM	AE	5,676,806	10/1997	Van Berkel et al.			
SM	AF	5,731,097	04/1994	Miyashita et al.			
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SM	AL	00/13791	03/2000	PCT				
SM	AM	01 007475	01/1989	Japan (Abstract)				
SM	AN	338 823	10/1989	EPO				
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SM	AR	K. Eguchi et al.: Electrical properties of ceria-based oxides and their application to solid oxide fuel cells, Solid State Ionics, 52, pp. 165-172, 1992.
		M. Mogensen et al.: Physical Properties of Mixed Conductor Solid Oxide Fuel Cell Anodes of Doped CeO ₂ , J. Electrochem. Soc., Vol. 141, No. 8, pp. 2122-2128, August 1994.
SM	AT	E.S. Putna et al.: Ceria-Based Anodes for the Direct Oxidation of Methane in Solid Oxide Fuel Cells, Langmuir, Vol. 11, No. 12, pp. 4832-4837, 1995.

EXAMINER

Julian Merrell

DATE CONSIDERED

7/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.V/10

FORM PTO-1649 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GRI-00-023	SERIAL NO.		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT(S) Raymond J. GORTE et al.					
		FILING DATE	GROUP				
		U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>AM</i>	AR	R.T. Baker et al.: Evaluation of perovskite anodes for the complete oxidation of dry methane in solid oxide fuel cells, Solid State Ionics, 72, pp. 328-333, 1994.					
<i>AM</i>	AS	K. Asano et al.: A Novel Solid Oxide Fuel Cell System Using the Partial Oxidation of Methane, J. Electrochem. Soc., Vol. 142, No. 10, pp. 3241-3245, October 1995.					
<i>AM</i>	AT	Y. Hiei et al.: Partial oxidation of methane for internally reformed solid oxide fuel cell, Solid State Ionics, Vol. 86-88, pp. 1267-1272, 1996.					
EXAMINER	<i>John Mercado</i>			DATE CONSIDERED <i>7/27/04</i>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/10

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
GRI-00-023

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Raymond J. GORTE et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL							
AM							
AN							
AO							
AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	N.M. Sammes et al.: <i>Synthesis and properties of dense nickel and cobalt zirconia cermet anodes for solid oxide fuel cells</i> , J. Mat. Sci., 31, pp. 6069-6072, 1996.					
AS	C.H. Bartholomew: <i>Carbon Deposition in Steam Reforming and Methanation</i> , Catal. Rev.-Sci. Eng., 24 (1), pp. 67-112, 1982.					
AT	T. Kawada et al: <i>Electrical properties of transition-metal-doped YSV</i> , Solid State Ionics, Vol. 53-56, pp. 418-425, 1992.					

EXAMINER

Julian Merrell

DATE CONSIDERED

7/27/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/10

FORM PTO-144B
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

GRI-00-023

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Raymond J. GORTE et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL							
AM							
AN							
AO							
AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	T. Tsai et al.: Effect of Mixed-Conducting Interfacial Layers on Solid Oxide Fuel Cell Anode Performance, J. Electrochem. Soc., Vol. 145, No. 5, pp. 1696-1701, May 1998.	
AS	H. Itoh et al.: Configurational and Electrical Behavior of Ni-YSZ Cermet with Novel Microstructure for Solid Oxide Fuel Cell Anodes, J. Electrochem. Soc., Vol. 144, No. 2, pp. 641-646, February 1997.	
AT	H. Itoh et al.: Improved Microstructure of Ni-YSZ Cermet Anode for SOFC with a Long Term Stability, Denki Kagaku, Vol. 64, No. 6, pp. 549-554, 1996.	

EXAMINER

Jordan Michaels

DATE CONSIDERED

7/27/04"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not
in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3885

P1005.1/10

FORM PTO-1440
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. SERIAL NO.

GRI-00-023

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Raymond J. GORTB et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	H. Alqahtany et al.: <i>Methane Steam Reforming over Fe Electrodes in a Solid Electrolyte Cell</i> ,
		Energy & Fuels, 7, pp. 495-504, 1993.
AS		
AT		

EXAMINER

DATE CONSIDERED

2/27/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.I/10